anchor system in accordance with the teachings of the present invention. The anchor assembly 50 includes an anchor member 52 having an end surface 54, a polymeric encapsulation 56 coving the anchor member 52, a rigid ring 58 affixed within a tubular section 60 of the encapsulation 56, and a cap 62 having a flanged end 64 with an outer periphery engaged with a notch 66 of the rigid ring 58.

[0039] As can be seen in FIGURE 2, the anchor member 52 is configuration similar to the anchor member as used within the prior art of FIGURE 1. The anchor member 52 has a wedge cavity 68 of a tapered configuration formed centrally thereof. The end surface 58 defines the opening 70 of the wedge cavity 68 so as to allow wedges to be inserted for friction-fit engagement with the outer surface of a tendon extending therethrough.

[0040] The polymeric encapsulation 56 extends around the outer surfaces of the anchor member 52. As with the Prior Art of Figure 1, the polymeric encapsulation 56 is injection molded over the outer surfaces of the anchor member 52 so as to be in liquid-tight relationship therewith. The tubular section 60 is formed of a polymeric encapsulation 56 and extends outwardly of the end surface 54 of the anchor member 52 so as to define an opening at the end 71 of the tubular section 60. Another tubular portion 72 extends outwardly of the opposite surface 74 of the anchor member 52. Tubular portion 72 corresponds to the configuration of tubular portion 28 of the anchor 14 of the prior art of Figure 1.

[0041] Importantly, in the present invention, a rigid ring 58 is positioned within the tubular section 60 of the encapsulation 56. The rigid ring 58 will have an end flush with the end 71 of the tubular section 60. An opposite end of the rigid ring 58 will be adjacent to the end surface 54 of the anchor member 52. The encapsulation 56 is injection molded over the outer surface of the rigid ring 58 so